

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) Method for transferring data to a client using a certain packet data connection, said method comprising the steps of:

- receiving [[a]] only one request, which is according to a certain data transfer protocol and specifies a certain information entity,
- sending, using said packet data connection, at a first time instant to said client a first portion of a response according to said data transfer protocol, said first portion comprising all header information of the whole response and a body of a web page showing a certain information entity, and said client after receipt of said first portion being arranged to accept further at least a further part of response, and
- sending, using said packet data connection, at sequential second time instants to said client a plurality of second portions of a response in response to said one request, each of said second portions comprising only an information fragment of updated part of said information entity and ~~computer language instructions a~~

script for processing said information fragment of the updated part of said information entity, wherein

- the time period between the first time instant and the earliest second time instant is at maximum a certain first predetermined time period, and

- a time period between two sequential second time instants is at maximum a certain second predetermined time period.

2. (canceled)

3. (original) A method according to Claim 1, further comprising the step of:

- sending, using said packet data connection, at sequential third time instants to said client a plurality of third portions of a response, said third portions containing no information fragments specific to said information entity.

4. (currently amended) A method according to Claim 3, wherein at least one of said third portions contains only computer language ~~headers~~ instructions without the information fragment.

5. (original) A method according to Claim 3, wherein at least one of said third portions contains only carriage return and/or linefeed characters.

6. (original) A method according to Claim 3, wherein
- the time period between the first time instant and the earliest second time instant is at maximum a certain first predetermined time period, and
- a time period between two sequential time instants of the second and third time instants is at maximum a certain second predetermined time period.

7. (original) A method according to Claim 3, wherein said packet data connection is a Transfer Control Protocol connection, said data transfer protocol is Hypertext Transfer Protocol, said request is a Hypertext Transfer Protocol Request, the response, whereof said first portion constitutes a part, is a Hypertext Transfer Protocol Response and said first portion leaves Content-Length field value unknown.

8. (original) A method according to Claim 7, wherein said computer language is a scripting language, scripting tags constitute said computer language instructions and said client is a browser program.

9. (original) A method according to Claim 1, wherein said first portion does not specify the size of the response, whereof said first portion constitutes a part.

10. (original) A method according to Claim 1, wherein said information fragment in at least one of said second portions is an information fragment relating to a change in said requested information entity, said change being made after said first time instant.

11. (original) A method according to Claim 1, wherein said packet data connection is a Transfer Control Protocol connection, said data transfer protocol is Hypertext Transfer Protocol, said request is a Hypertext Transfer Protocol Request, the response, whereof said first portion constitutes a part, is a Hypertext Transfer Protocol Response.

12. (original) A method according to Claim 11, wherein said first portion leaves Content-Length field value unknown.

13. (original) A method according to Claim 12, wherein said compute language is a scripting language, scripting tags constitute said computer language instructions and said client is a browser program.

14. (original) A method according to claim 1, wherein said computer language is a scripting language.

15. (original) A method according to Claim 14, wherein said scripting language is JavaScript, VBScript or JScript.

16. (original) A method according to Claim 14, wherein scripting language tags constitute said computer language instructions.

17. (original) A method according to Claim 1, wherein said computer language is Extensible Markup Language.

18. (original) A method according to Claim 17, wherein Extensible Markup Language elements constitute said computer language instructions and said information fragments.

19. (original) A method according to Claim 18, wherein said first portion comprises starting headers of an Extensible Markup Language document.

20. (original) A method according to Claim 17, wherein said packet data connection is a Transfer Control Protocol

connection, said data transfer protocol is Hypertext Transfer Protocol, said request is a Hypertext Transfer Protocol Request, the response, whereof said first portion constitutes a part, is a Hypertext Transfer Protocol Response, and said first portion leaves Content-Length field value unknown.

21. (original) A method according to Claim 20, wherein said client is a browser program.

22. (original) A method according to Claim 21, further comprising the step of:

- sending, using said packet data connection, at sequential third time instants to said client a plurality of third portions of a response, said third portions containing no information fragments specific to said information entity.

23. (original) A method according to Claim 1, wherein said client is a browser program.

24. (currently amended) A system for transferring data using packet data connections, said system comprising:

- means for establishing packet data connections,
- means for receiving requests, [[a]] where only one request indicating an information entity, being according to a data

transfer protocol and relating to a certain packet data connection,

- means for sending as response to [[a]] the one request, using a request-specific packet data connection and at a request-specific first time instant, a first ~~portions~~ portion of a response according to said data transfer protocol, said first portion comprising all header information of the whole response and a body of a web page showing a certain information entity, and a client after receipt of said first portion being arranged to accept further at least a second portion of a response, and

- means for sending as a response to [[a]] the one request, using said request-specific packet data connection at sequential request-specific second time instants, a plurality of second portions of a response, each of said second portions comprising only an information fragment of an updated part of said information entity and ~~computer language instructions~~ a script for processing said information fragment of the updated part of said information entity,

wherein the system is arranged to send the second responses relating to a certain request so that

- the time period between the request-specific first time instant and the earliest request-specific second time instant is at maximum a certain first predetermined time period, and

- a time period between two sequential request-specific second time instants is at maximum a certain second predetermined time period.

25. (canceled)

26. (currently amended) A system according to Claim 24, further comprising means for sending as a response to [[a]] the one request, using said request-specific packet data connection, at sequential request-specific third time instants a plurality of third portions of a response, said third portions containing no information fragments specific to said information entity.

27. (currently amended) A system according to Claim 26, wherein it is arranged to send the second and third portions relating to ~~a-certain~~ the one request so that

- the time period between the request-specific first time instant and the earliest request-specific second time instant is at maximum a certain first predetermined time period, and
- a time period between two sequential time instants of the request-specific second and third time instants is at maximum a certain second predetermined time period.

28. (original) A system according to Claim 24, wherein it resides in a server.

29. (currently amended) Computer program product for a system for transferring data using packet data connections, the computer program product comprising:

- computer code means for sending as response to [[a]] the one request, using a request-specific packet data connection and at a request-specific first time instant, a first ~~portions~~ portion of a response according to a data transfer protocol, said first portion comprising all header information of the whole response and a body of a web page showing a certain information entity, and a receiver after receipt of said first portion being arranged to accept further at least a second portion of a response, and
- computer code means for sending as a response to [[a]] the one request, using said request-specific packet data connection at sequential request-specific second time instants, a plurality of second portions of a response, each of said second portions comprising only an information fragment of an updated part of said information entity and ~~computer language instructions~~ a script for processing said information fragment of the updated part of said information entity.

30. (original) Computer program product according to
claim 29, wherein it is stored on a computer readable medium.